

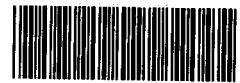
PFE ORIGINAL

October 29, 2007

Ms. Laura B. Janson  
 Chief - Cost Recovery Branch  
 U.S. Environmental Protection Agency  
 Region III  
 1650 Arch Street  
 Philadelphia, Pennsylvania 19103-2029

Douglas B. Sanders  
 Tel: +1 312 861 8075  
 Fax: +1 312 698 2375  
 douglas.b.sanders@bakernet.com

**By Certified Mail**  
**Return Receipt Requested**



SDMS.DocID 2194872

RE: Required Submission of Information  
 Safety Light Corporation Site  
 Bloomsburg, Pennsylvania

Dear Ms. Janson:

I am responding to the information request of the United States Environmental Protection Agency ("USEPA") on behalf of United Air Lines, Inc., d/b/a United Airlines ("United"). United appreciates the extension to respond today. United is providing objections and narrative responses to each numbered request and subsection as appropriate. The responses are in the certified attachment.

As you may know, back on December 9, 2002, United filed a petition under Title 11, Chapter 11, United States Code ("Chapter 11 Proceeding" under the "Bankruptcy Code"). United gave notice of the commencement of its Chapter 11 Proceeding, and the bar dates for filing claims, to its creditors, including the USEPA. On January 20, 2006, the United States Bankruptcy Court for the Northern District of Illinois entered its Order Confirming Debtors' Second Amended Joint Plan of Reorganization Pursuant to Chapter 11 of the United States Bankruptcy Code (the "Confirmation Order"), which discharged United from liability for any "[c]laims, obligations, rights, suits, damages, Causes of Action, remedies, and liabilities whatsoever" and enjoined all parties holding such claims from commencing or pursuing any action against United with respect to such claims. In making this submission of information to the USEPA, United clearly reserves all of its rights under the Bankruptcy Code with respect to the matters addressed in this letter.

United also provides the following general objections to the information request, including the instructions and definitions on the following grounds:

1. United objects to the requests to the extent they are not within, or they seek information not within, the scope or purpose of section 104(e)(1) and (2) and CERCLA, 42 U.S.C. § 9604(e)(1) and (2) or section 3007 of RCRA, 42 U.S.C. § 6927;

**Asia**  
**Pacific**  
 Bangkok  
 Beijing  
 Hanoi  
 Ho Chi Minh City  
 Hong Kong  
 Jakarta  
 Kuala Lumpur  
 Manila  
 Melbourne  
 Shanghai  
 Singapore  
 Sydney  
 Taipei  
 Tokyo

**Europe &**  
**Middle East**  
 Almaty  
 Amsterdam  
 Antwerp  
 Bahrain  
 Baku  
 Barcelona  
 Berlin  
 Bologna  
 Brussels  
 Budapest  
 Cairo  
 Dusseldorf  
 Frankfurt / Main  
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 Madrid  
 Milan  
 Moscow  
 Munich  
 Paris  
 Prague  
 Riyadh  
 Rome  
 St. Petersburg  
 Stockholm  
 Vienna  
 Warsaw  
 Zurich

**North & South**  
**America**  
 Bogota  
 Brasilia  
 Buenos Aires  
 Calgary  
 Caracas  
 Chicago  
 Chihuahua  
 Dallas  
 Guadalajara  
 Houston  
 Juarez  
 Mexico City  
 Miami  
 Monterrey  
 New York  
 Palo Alto  
 Porto Alegre  
 Rio de Janeiro  
 San Diego  
 San Francisco  
 Santiago  
 Sao Paulo  
 Tijuana  
 Toronto  
 Valencia  
 Washington, DC

2. United objects to the requests because the relevant time period is not defined, thereby making the request unduly burdensome. To the extent that United has limited its response to a particular time period, this limitation is indicated in the response.
3. United objects to the requests to the extent they require United to obtain information from sources not in its possession, custody or control. Except where indicated, United has responded with information and documents that are in its possession, custody and control.
4. United objects to the requests to the extent they seek privileged documents or communications, including, but not limited to, those protected by the attorney-client privilege and work product.
5. Nothing in United's response to the Information Request shall constitute an admission of liability for the Site, and United reserves its right to contest any allegations made against United with regard to the Site by any person or entity, including, without limitation, the claim's discharge in United's bankruptcy.

The above objections apply to the responses in the attached document. Please be aware that certain of the documents enclosed are considered company proprietary information, particularly those regarding United internal maintenance/engineering procedures, therefore, we expect these documents will be handled by USEPA and its contractors as Confidential Business Information. These documents are noted by a "Confidential" label.

United has conducted a significant search for documents and information, however, if United identifies additional information, it reserves its right to amend this response.

Please call me to discuss United's response or if you have any questions.

Very truly yours,



Douglas B. Sanders

Enclosures

cc: William Yantiss  
Angela Foster-Rice  
Daniel Tisoncik  
Steven Sulgit  
Harry Steinmetz

**RESPONSES TO U.S. EPA'S REQUEST FOR INFORMATION  
PURSUANT TO SECTION 104 OF CERCLA**

**QUESTION NO. 1**

Emergency exit placards on some United aircraft contain radioactive gas in order to illuminate them. Based on the documentation provided by USEPA, it appears that United purchased placards manufactured in 1967 and 1968 from United States Radium Corporation ("USRC"). It also appears that in 1969 United's San Francisco Maintenance Center ("SFMC") sent broken or defective placards back to USRC because USRC had provided United a warranty. Based on the documentation provided by USEPA, USRC inspected those placards to determine if they met the warranty requirements and disposed of them "according to applicable government regulations." United has found a reference to a contract with USRC in an index of historical contracts but has been unable to locate a copy of the contract or any other documents relating to USRC. The contract was from 1959.

Based on the recollection of United employees, Safety Light and Isolite placards were in United's inventory from as early as the 1980s. Documents also show purchases of Safety Light placards in the 1990s and from 2000 through 2004. A printout based on data from a legacy accounts payable system indicates that there was one shipment of 250 used placards to Safety Light prior to August 25, 1997. United cannot provide a more certain date because the interface between the current accounts payable system and the legacy system is not accurate. Apparently the date of August 25, 1997 is the default date for all records that transferred over from the legacy system to the current accounts payable system, hence why United can only determine that the shipment occurred prior to this date.

United recently had a shipment of used placards that occurred on September 27, 2007. United coordinated this shipment of placards with Dan Platte, customer service representative for Self-Powered Lighting ("SPL") and believed this shipment was being sent to SPL's facility for waste management. Upon further review of the associated bill of lading, along with discussions with Mr. Platte, it became apparent that the placards were shipped to the attention of "Self-Powered Lighting" but to the address of "4150 A Old Berwick Road, Bloomsburg, PA." Through recent conversations with Mr. Platte, United was informed that these two companies are sister companies under a common parent corporation and that the placards would be dismantled by Safety Light on a portion of its property distinct from what is the focus of U.S. EPA's remediation. The tritium portions of the placards will be shipped to another related company, Shield Source Incorporated ("SSI"), located in Canada, for ultimate disposition. Mr. Platte also relayed that the tritium portions will be sent to SSI prior to December 31, 2007 (which apparently is the date in which Safety Light's NRC license allowing for the management of tritium expires). Therefore, the tritium portions of United's placards would only have been at the Site for no more than three months before being sent offsite to SSI, and the only activities would have been dismantling of the tritium portion for offsite management.

Other than the shipments discussed above, United has not identified any other shipments of placards to the Safety Light Corporation or the Site.

## **QUESTION NO. 2**

See response to Question No. 1.

## **QUESTION NO. 3**

To the extent that Question No. 3 seeks information unrelated to the transportation of hazardous substances or radioactive waste to the Site, United objects to Question No. 3 as overbroad and unduly burdensome. See response to Question No. 1. United has not identified any historical information relating to a third party transporting broken placards to USRC or Safety Light. Dan Platte, sales representative for Self-Powered Lighting, Berwyn, PA, has information on United's most recent shipment, which Self-Powered Lighting directed to its related company, Safety Light in Bloomsburg, PA.

## **QUESTION NO. 4**

To the extent that Question No. 4 seeks information unrelated to the generation of hazardous substances or radioactive waste that were transported to the Site, United objects to Question No. 4 as overbroad and unduly burdensome. United has no other information indicating that it generated radioactive wastes or other wastes that were reclaimed at the Site, other than its response to Question Nos. 1 and 3.

## **QUESTION NO. 5**

United objects to Question No. 5 and its subparts as overbroad and unduly burdensome based on the information USEPA and United have regarding United's relationship to or connection with the Site. In addition to information provided in response to Questions Nos. 1 and 3, United provides the following information. The process employed by United with respect to broken placards or placards that were beyond their useful life was to send the placards to SFMC. SFMC would send the placards to be fixed or disposed of as appropriate.

United established a protocol for maintenance of the placards and procedures if placards broke. Many of the older procedures indicate that the placards contain a radioactive gas but do not describe the specific nature of the gas. More recently, United personnel and maintenance procedures describe the gas as tritium. United has no other



information regarding the gas or what gas might have been used in the placards in the 1960s.

In preparing its response to Question No. 5, and these responses generally, United consulted the following United employees, who can be contacted through Baker & McKenzie or United's in-house counsel, Angela Foster-Rice:

Steven Sulgit  
Manager - Environmental Compliance  
San Francisco Maintenance Center

Jack Taylor,  
Supervisor Maintenance Services  
O'Hare Int. Airport Service Center

Kathy Wallman  
Accounting  
Corporate Headquarters

Robert C. Kahn  
Manager Line Distribution  
Dulles International Airport

Steve McNamara  
Interiors Engineering  
San Francisco Maintenance Center

Gino Marchini,  
Manager Distribution  
San Francisco Maintenance Center

Mary Florent  
Paralegal Assistant  
Corporate Headquarters

Bonnie Turner  
Managing Director,  
Component Maintenance  
San Francisco Maintenance Center

Sue Bennici  
Formerly Maintenance Planning  
Indianapolis Airport

Rudy Salmon  
Manager of Airframe OSV  
Contracting  
Lake City, Florida

Kathy Wang  
Inventory Planning  
San Francisco Maintenance Center

Mervyn Stanley  
Lead Mechanic-Components  
and previously of former Cabin  
Equipment department  
San Francisco Maintenance Center

Leonard Hantz  
Manager Inventory Planning  
San Francisco Maintenance Center

William Walick  
Mechanic - Components and  
previously of former Cabin  
Equipment department  
San Francisco Maintenance Center

#### **QUESTION NO. 6**

See answer to Question No. 5 regarding individuals at United who were consulted in preparing this response. We are not aware as to whether or not they have more relevant information than what has been provided herein.

In addition, as discussed above in response to Question No. 1, United spoke with the following employee at SPL who might have additional information:

Dan Platte  
Customer Service  
Self-Powered Lighting, Inc.  
31 Waterloo Avenue  
P.O. Box 657  
Berwyn, PA 19312  
(484) 595-9130

#### **QUESTION NO. 7**

United has provided all information and documents identified in its possession or control and is not aware of other documents, except documents that USRC or Safety Light Corporation may possess. United sent FOIA requests to USEPA and the Pennsylvania Department of Environment and has not received any responsive documents relating to a relationship between United and the Site, other than what was attached to USEPA's initial request for information. United will continue to investigate this matter and supplement these responses if necessary.

#### **QUESTION NO. 8**

United has identified no other information responsive to Question No. 8.

#### **QUESTION NO. 9**

Because of the historical nature of its relationship with USRC and Safety Light Corporation, potentially relevant documents likely were destroyed through the normal course of business. United's document retention policies have varied over the years, but many of the documents potentially at issue, *e.g.*, shipping forms, invoices, manifests, contracts, etc. are decades old and beyond United's retention requirements.

United has diligently investigated the existence and location of information relating to the Safety Light Corporation Site, Safety Light Corporation, USRC, Lime Ridge Industries, USR Industries, USR Metals, Metreal and Isolite. This investigation included looking for documents and interviewing employees. United has not identified additional responsive information.

## CERTIFICATION OF RESPONSES TO REQUEST FOR INFORMATION

Pursuant to 28 U.S.C. § 1746, I certify under penalty of perjury that the information submitted in the foregoing response to EPA Request for Information, which is based on information assembled by authorized employees and counsel of United Air Lines, Inc., is to the best of my knowledge true and correct. I am also aware that United Air Lines, Inc. is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the response thereto becomes known or available to United Air Lines, Inc.

A handwritten signature in black ink, appearing to read "William E. Hentz", is written over a horizontal line.

— RADIOACTIVE EXIT PLACARDS —

from Steve Sulgit

TO: SUE BENNICI

ONE OF THOSE "PUT AWAY FOR A  
FUTURE DATE THINGS"

THE INFORMATION ON THE RETURN  
OF EXIT PLACARDS.

IF IML HAS A DANGEROUS GOODS  
PERSON, HE/SHE SHOULD HAVE  
ADDITIONAL SHIPPING INFO.

activity - CMB

TO: SFOCE- JOHN SMORENBURG  
SFOCE- RICHARD SMITH

FROM: SFOFL- STEVE SULGIT  
01/08/93

RETURN OF RADIOACTIVE EXIT PLACARDS.

I have found the name and addresses of several vendors who manufacture and supply UAL with radioactive exit placards used on our aircraft.

Most of the rules for shipping them are the same.

1. No more than 200 curies per container, with a maximum of 20 curies per sign. This may limit the number of signs that can be shipped at any one time.

2. The container or box must have a radioactive emblem on the outside.

3. On the shipping memo or bill of lading must appear the following information.

**"UN 2910" Radioactive Instruments Excepted under  
CFR 49- 173.422.**

The vendors I have contacted are those whose products we now have. If you have any others, let me know.

1. Nuclear Radiation Development ( NRD Ind.)  
2937 Alt Blvd. North.  
Grand Island NY. 14072.  
Attn: Shipping Dept.  
(716) 773-7634 Diana or Tom.

Will only take theirs back.....No charge.

2. Self Powered Lighting Inc.  
8 Westchester Plaza Dept. TR  
Elmsford NY. 10523

(914) 592-8230 Alice.

Notify prior to shipping.

Must have number of signs, Model and Serial Number.

Will take any placards, regardless of manufacturer.

Their signs.....\$ 30.00 each

Others.....\$ 35.00 each.

3. Safety Light Corp.  
4150-A Old Berwick Rd.  
Bloomsburg PA. 17815

(717) 784-4344

Notify prior to shipping.

Will only take back theirs.

Theirs.....\$ 10.00 each.



ENGINEERING RELEASE (ER)  
(AOP 5-4-3)

COA TITLE

737 Self-Illuminated Exit Signs - Removal/Modification

REASON FOR THIS ER AND TECHNICAL JUSTIFICATION

THIS ER PROVIDES INSTRUCTIONS TO REMOVE THE SELF ILLUMINATED EXIT SIGNS CURRENTLY INSTALLED ON THE CLASS DIVIDER AND INSTALL NEW SIGNS. THIS IS A MINOR MODIFICATION THAT MEETS THE REQUIREMENTS OF 14 CFR PART 25.811 & 25.812. THE STC PACKAGE WILL BE REVISED AND A COMPLIANCE WALK THROUGH ACCOMPLISHED.  
REVISED DWG REV LEVEL.

DAS-STC	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	REV	B	DATE	10/1/03
COA NUMBER	929600	DATE	9/2/03		
ER NUMBER	3	PAGE	1		
FILE NUMBER	C-90-25-20				
Steve McNamara		161163		634-4367	
(ENGINEER)				(PHONE)	
Felix Garcia		111155		Dave Hendryx	
(TECHNICAL CHECK)				(ENGR. MANAGER)	

Is this alteration & parts FAA approved?

☒ Yes ☐ No

If yes, reference source; if no, provide justification for alteration  
(Ref. FAR'S 21.303, 43.13(b), AND 25.XXX).

Does this ER alter an AD Compliance?

☐ Yes ☒ No

If yes, enter AD#

& FAA Approval Letter Date

Does this ER affect weight and balance?

☐ Yes ☒ No

If yes, complete SFR4655 and include in ER.

Does this ER use or authorize HAZMAT?

☒ Yes ☐ No

If yes, complete SFR4653 and include as page(s) in ER.

Does this ER affect electrical load?

☐ Yes ☒ No

If yes, complete SFR3205.5.

YES NO

TEST FLIGHT REQUIRED ☐ ☒

YES NO

MBM REQUIRED ☐ ☒

YES NO

DISPOSITION MBM REQUIRED ☐ ☒

APPLICABLE DOCUMENTS

SEE FORM SFR3205.6 FOR APPLICABLE DOCUMENTS

M	A	M	R
F	S	O	E
G	S	D	F

CURRENT PARTS AFFECTED

(FOR NEW PARTS SEE MASTER BILL OF MATERIAL)

LINE NO.	OLD PART NO.	ACTION		NEW PART NO.	E C R	IDENT	VENDOR	DESCRIPTION
		E C R	WHEN					

\* ACTION CODES: RWK - REWORK / NUH - NOT USED HERE / DES - DESTROY / OTH - OTHER (EXPLAIN AT BOTTOM OF PAGE)\*\*  
\*\* IDENTITY CODE: CHECK IF REQUIRED. EXPLAIN AT BOTTOM OF PAGE\*\*. REFER TO GN/MM 1-0-1-40 METHOD & CODE NUMBER.

CHECK LIST OF PUBLICATIONS AFFECTED

☐ NONE AFFECTED

NOTE: ENGINEER MUST REVISE OR ARRANGE FOR REVISION OF ITEMS MARKED "YES" EXCEPT FOR THOSE WITH ASTERISK (\*).

- |   |   |  |
|---|---|--|
| YES NO  | YES NO  | YES NO   |
| <input checked="" type="checkbox"/> * <input type="checkbox"/> ILLUSTRATED PARTS CATALOG (IPC)      | <input type="checkbox"/> <input checked="" type="checkbox"/> GND. EQUIP. MAINTENANCE MANUAL (GEMM)  | <input type="checkbox"/> <input checked="" type="checkbox"/> WIRING DIAGRAM (WD) |
| IPC LOCATIONS:  | <input type="checkbox"/> <input checked="" type="checkbox"/> GND. EQUIP. OVERHAUL MANUAL (GEOM)   | <input type="checkbox"/> <input checked="" type="checkbox"/> ITEM LIST (IL)      |
| <input type="checkbox"/> ALL <input checked="" type="checkbox"/> ONLY THOSE LISTED BELOW            | <input type="checkbox"/> <input checked="" type="checkbox"/> COMPONENT MAINTENANCE MANUAL/TOM   | <input type="checkbox"/> <input checked="" type="checkbox"/> WIRE LIST (WL)      |
| <input checked="" type="checkbox"/> * <input type="checkbox"/> STORES CATALOG (SC)                  | OP <input type="checkbox"/> JD <input type="checkbox"/> ES <input type="checkbox"/> AR <input type="checkbox"/> FC <input type="checkbox"/> |  |
| <input type="checkbox"/> * <input checked="" type="checkbox"/> RECOVERABLE ASSY SPECIFICATION (RAS) | <input checked="" type="checkbox"/> COMPONENT EMAC (SFR3657)  | (ENGINE SHOP ONLY)   |
| <input type="checkbox"/> * <input checked="" type="checkbox"/> FLIGHT OR FLIGHT TEST MANUAL         | <input checked="" type="checkbox"/> AIRCRAFT MAINTENANCE MANUAL   | <input type="checkbox"/> <input type="checkbox"/> ENG OVERHAUL MAN               |
| <input type="checkbox"/> * <input checked="" type="checkbox"/> COMPANY REGULATIONS 30/45/55         | <input type="checkbox"/> <input checked="" type="checkbox"/> BUYER FURNISHED EQUIP. AFFECTED (BFE)  | <input type="checkbox"/> <input type="checkbox"/> SECT. LIST                     |
| <input type="checkbox"/> * <input checked="" type="checkbox"/> MR MASTER INDEX                      | <input type="checkbox"/> <input checked="" type="checkbox"/> STORES NOTICE  | <input type="checkbox"/> <input type="checkbox"/> MRP                            |
| <input checked="" type="checkbox"/> <input type="checkbox"/> SYSTEM EMAC (SFR4262)                  | <input type="checkbox"/> <input checked="" type="checkbox"/> MNT. OPERATING PROCEDURES (VOL I BK1)  | <input type="checkbox"/> <input type="checkbox"/> JPC TC NO.                     |
| <input type="checkbox"/> <input checked="" type="checkbox"/> OPERATIONS SPECIFICATION               | <input type="checkbox"/> <input type="checkbox"/> MINIMUM EQUIPMENT LIST (MEL) (VOL I BK2)  | <input type="checkbox"/> <input type="checkbox"/> UA RPR NO.                     |
| <input type="checkbox"/> <input checked="" type="checkbox"/> USPHS (INFORMATION ONLY)               | <input type="checkbox"/> <input checked="" type="checkbox"/> GENERAL PROCESSES MANUAL (VOL I BK3)   |  |

TECHNICAL INFORMATION

(SEE PAGE 5 FOR MORE INFORMATION)

☐ NONE REQUIRED

This COA replaces the self-illuminated exit signs from the class divider. This signs were installed per DWG 73-05-627 as part of STC ST00283LA-D.

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UNITED-SL 0004

SFR3204 8/00



**ENGINEERING RELEASE (ER)  
(AOP 5-4-3)**

Revision		B	Date	10/01/2003
COA Number	929600		Date	9/2/2003
ER Number	3		Page	2 of 6

## LIST OF EFFECTIVE PAGES

[illegible]

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**UNITED-SL 0005**

SFR 3205.4 8/00



ENGINEERING RELEASE (ER)  
(AOP5-4-3)

Revision B	Date	10/1/03
COA Number 929600	Date	9/2/03
ER Number 3	Page	3

[illegible]

**NOTES:**

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**UNITED-SL 0006**

**UNITED AIRLINES**  
ENGINEERING RELEASE (ER)  
(AOP 5-4-3)  
Text Page

USE THIS SHEET WHEN SUFFICIENT  
SPACE IS NOT AVAILABLE ON SFR3204

Revision	B	Date	10/01/2003
COA Number	929600	Date	9/2/2003
ER Number	3	Page	5 of 6

**A. GENERAL**

1. This ER accomplishes the removal of the existing self illuminated exit signs located on the class divider on the 737-300/500 United Shuttle aircraft and the installation of new signs that meet the requirements of FAR's 25.811 & 25.812. These signs were installed per DWG 7305-05-627 as part of STC ST00283LA-D. A minor revision of this STC will be issued to account for the removal of the old signs and the installation of the new signs.
2. This COA is effective for the following aircraft:  
N366UA – N367UA, N369UA – N383UA, N385UA – N399UA, N910UA – N934UA (57 Total)
3. Parts were procured for this COA on ER 2.

**B. PROTOTYPE AIRCRAFT ACCOMPLISHMENT INSTRUCTIONS (N369UA):**

1. Remove existing self-illuminated exit signs from both sides of class divider.
  - a. Remove four ea. Caps (PCN 141-0807) and four ea. Screws from each sign.
  - b. Remove both signs.
  - c. Route removed signs to Shop 421.

NOTE: Placards are considered hazardous waste and must be shipped by ground only.
2. Install 2 ea. Exit signs P/N 604-11-3-001 (PCN 192-2069) on class divider, (One each on fwd & aft side).

NOTE: Exit signs P/N 604-11-3-001 and End Caps, P/N P/N 604-508 must be the parts that received a conformity inspection at the Safety Light Corp in Bloomsburg, PA and should have FAA Approval Tag (FAA Form 8130-3) attached.

  - a. Locate and install two new inserts P/N NAS1836-08-09 (PCN 754-0084). Refer to figure 1 for insert locations. Install per GN/MM 1-0-8-27 - Cementing "Shur-Tab" Inserts in Honeycomb Panels.
  - b. Install Exit signs using two ea. Screws P/N NAS602-4P (PCN 752-0766) and washers, P/N NAS1252-8L, (PCN 751-7081).
  - c. Install two ea. End Caps, P/N P/N 604-508, (PCN 181-0347) on each Exit sign.
3. Accomplish conformity inspection of Exit Sign 604-11-3-001 installation per UAL Dwg. CF250006-501 Rev.A.

**C. AIRCRAFT ACCOMPLISHMENT INSTRUCTIONS**

1. Obtain the following parts from stock:
  - a. (2) Self Illuminated Exit signs, P/N 604-11-3-001, (PCN 192-2069)
  - b. (4) End Caps, P/N 604-508, (PCN 181-0347)
  - c. (4) Inserts, P/N NAS1836-08-09 (PCN 754-0084)
  - d. (4) Screws NAS602-4P (PCN 752-0766)
  - e. (4) Washers NAS1252-8L (PCN 751-7081)
2. Install signs per installation instructions in step B. above.

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**UNITED-SL 0007**



ENGINEERING RELEASE (ER)  
(AOP 5-4-3)

COA TITLE

8787-222 Self-Illuminated Exit Sign Removal

REASON FOR THIS ER AND TECHNICAL JUSTIFICATION

Provide instruction to remove two exit signs and four curtain track assemblies (for domestic a/c only).

Rev B: Added section G. to document weight & balance effect of COA 616411.

DAS-STC	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	REV	B	DATE	10/7/03
COA NUMBER	6-1652-0	DATE	9/25/03		
ER NUMBER	1	PAGE	1		
FILE NUMBER	C-60-33-50				
Robin Ong	834-6999				
Felix Guevara	DAVID HENDRYX				

Is this alteration & parts FAA approved?

☒ Yes ☐ No

If yes, reference source; if not, provide justification for alteration (Ref. FAR'S 21.303, 43.13(b), AND 25.XXX).

Does this ER alter an AD Compliance?

☐ Yes ☒ No

If yes, enter AD# & FAA Approval Letter Date

Does this ER affect weight and balance?

☒ Yes ☐ No

If yes, complete SFR4855 and include in ER.

Does this ER use or authorize HAZMAT?

☒ Yes ☐ No

If yes, complete SFR4853 and include as page(s) in ER.

Does this ER affect electrical load?

☐ Yes ☒ No

If yes, complete SFR3205.5.

TEST FLIGHT REQUIRED	YES NO	MBM REQUIRED	YES NO	DISPOSITION MBM REQUIRED	YES NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
APPLICABLE DOCUMENTS					
LINE NO.	DOCUMENT NO.	CHG. LTR.	VENDOR	TITLE	M F G A S S Y M O D I F R E F
SEE FORM SFR3205.6 FOR APPLICABLE DOCUMENTS					

CURRENT PARTS AFFECTED		(FOR NEW PARTS SEE MASTER BILL OF MATERIAL)						
LINE NO.	OLD PART NO.	E C R	ACTION CODES WHEN	NEW PART NO.	E C R	IDENT	VENDOR	DESCRIPTION
SEE FORM SFR3205.2 FOR CURRENT PARTS AFFECTED								
* ACTION CODES: RWK - REWORK / NUH - NOT USED HERE / DES - DESTROY / OTH - OTHER (EXPLAIN AT BOTTOM OF PAGE)**								
** IDENTITY CODE: CHECK IF REQUIRED. EXPLAIN AT BOTTOM OF PAGE**. REFER TO GNM 1-0-1-40 METHOD & CODE NUMBER.								

CHECK LIST OF PUBLICATIONS AFFECTED		<input type="checkbox"/> NONE AFFECTED	
NOTE: ENGINEER MUST REVISE OR ARRANGE FOR REVISION OF ITEMS MARKED "YES" EXCEPT FOR THOSE WITH ASTERISK (*).			
YES NO	YES NO	YES NO	YES NO
<input checked="" type="checkbox"/> * <input type="checkbox"/> ILLUSTRATED PARTS CATALOG (IPC)	<input type="checkbox"/> <input checked="" type="checkbox"/> GND. EQUIP. MAINTENANCE MANUAL (GEMM)	<input type="checkbox"/> <input checked="" type="checkbox"/> WIRING DIAGRAM (WD)	
IPC LOCATIONS:	<input type="checkbox"/> <input checked="" type="checkbox"/> GND. EQUIP. OVERHAUL MANUAL (GEOM)	<input type="checkbox"/> <input checked="" type="checkbox"/> ITEM LIST (IL)	
<input type="checkbox"/> ALL <input checked="" type="checkbox"/> ONLY THOSE LISTED BELOW	<input type="checkbox"/> <input checked="" type="checkbox"/> COMPONENT MAINTENANCE MANUAL/TOM	<input type="checkbox"/> <input checked="" type="checkbox"/> WIRE LIST (WL)	
<input checked="" type="checkbox"/> * <input type="checkbox"/> STORES CATALOG (SC)	OP <input type="checkbox"/> JO <input type="checkbox"/> ES <input type="checkbox"/> AR <input type="checkbox"/> FC <input type="checkbox"/>		
<input type="checkbox"/> * <input checked="" type="checkbox"/> RECOVERABLE ASSY SPECIFICATION (RAS)	<input type="checkbox"/> <input checked="" type="checkbox"/> COMPONENT EMAC (SFR3857)	(ENGINE SHOP ONLY)	
<input type="checkbox"/> * <input checked="" type="checkbox"/> FLIGHT OR FLIGHT TEST MANUAL	<input type="checkbox"/> <input checked="" type="checkbox"/> AIRCRAFT MAINTENANCE MANUAL	<input type="checkbox"/> <input type="checkbox"/> ENG OVERHAUL MAN	
<input type="checkbox"/> * <input checked="" type="checkbox"/> COMPANY REGULATIONS 30/45/55	<input type="checkbox"/> <input checked="" type="checkbox"/> BUYER FURNISHED EQUIP. AFFECTED (BFE)	<input type="checkbox"/> <input type="checkbox"/> SECT. LIST	
<input type="checkbox"/> * <input checked="" type="checkbox"/> MR MASTER INDEX	<input type="checkbox"/> <input checked="" type="checkbox"/> STORES NOTICE	<input type="checkbox"/> <input type="checkbox"/> MRP	
<input type="checkbox"/> <input checked="" type="checkbox"/> SYSTEM EMAC (SFR4282)	<input type="checkbox"/> <input checked="" type="checkbox"/> MNT. OPERATING PROCEDURES (VOL I BK1)	<input type="checkbox"/> <input type="checkbox"/> JPC TC NO.	
<input type="checkbox"/> <input checked="" type="checkbox"/> OPERATIONS SPECIFICATION	<input type="checkbox"/> <input checked="" type="checkbox"/> MINIMUM EQUIPMENT LIST (MEU) (VOL I BK2)	<input type="checkbox"/> <input type="checkbox"/> UA RPR NO.	
<input type="checkbox"/> <input checked="" type="checkbox"/> USPHS (INFORMATION ONLY)	<input type="checkbox"/> <input checked="" type="checkbox"/> GENERAL PROCESSES MANUAL (VOL I BK3)		

TECHNICAL INFORMATION	(SEE PAGE FOR MORE INFORMATION)	<input type="checkbox"/> NONE REQUIRED
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SFR3204 8/00





ENGINEERING RELEASE (ER)  
(AOP5-4-3)

**USE THIS SHEET WHEN SUFFICIENT SPACE IS NOT AVAILABLE ON SFR3204**

Revision		8	Date	10/7/03
COA Number	6-1652-0		Date	9/25/03
ER Number	1		Page	3

**APPLICABLE DOCUMENT LIST:**[illegible]

**NOTES:**

Note 1: Conformity inspection is required on prototype aircraft to verify removal of parts only per drawing FN 4 on -506 installation.  
Note 2: Conformity inspection is required on prototype aircraft.

~~SFR 3205.6, 8/00~~

**UNITED AIRLINES**

**ENGINEERING RELEASE (ER)**

(AOP 5-4-3)

**USE THIS SHEET WHEN SUFFICIENT  
SPACE IS NOT AVAILABLE ON SFR3204**

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**CURRENT PARTS AFFECTED (FOR NEW PARTS SEE MASTER BILL OF MATERIAL)**

[illegible]

SFR 3205.2 8/00

6-10-68

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**UNITED-SL 0011**

# HAZMAT MATERIAL IDENTIFICATION

EVA, SCR OR COA NUMBER 6-1652-0  
FOR TMA SPEC NUMBER  
ER NUMBER 1

AUTHORS INITIALS *PLD*  
TECHNICAL CHECK INITIALS *ES*

DATE 10/07/2003  
REV B  
PAGE 5

PART NUMBER 602-06-2-004

(1) STORAGE REQUIREMENTS ☐ Yes ☒ No If Yes, CAUTION: Refer to MSDS for precautions.

(2) SHIPPING REQUIREMENTS ☒ Yes ☐ No If Yes, CAUTION: Transportation Hazard, Do Not kit this material.

UN NUMBER UN2910  
(IATA SHIPPING CODE)

Radioactive Material

7

(PROPER SHIPPING NAME)

(IATA CLASS OR DIVISION)

(3) PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS ☐ Yes ☒ No If Yes, See below:

- ☐ GLOVES
- ☐ EYE PROTECTION
- ☐ PROTECTIVE CLOTHING
- ☐ RESPIRATOR
- ☐ HEARING PROTECTION
- ☐ OTHER PPE

WARNING: GLOVES REQUIRED, SEE GLOVE BOARD & UA REG. 5-12-7.  
WARNING: EYE PROTECTION REQUIRED, SEE TO MSDS & UA REG. 5-12-8.  
WARNING: PROTECTIVE CLOTHING REQUIRED, SEE TO MSDS & CO. REG. 5-12-7.  
WARNING: RESPIRATOR REQUIRED, SEE TO MSDS & UA REG. 5-12-8.  
WARNING: HEARING PROTECTION REQUIRED, SEE TO MSDS & UA REG. 5-12-6.

(4) WORK ENVIRONMENT HAZARD ☒ Yes ☐ No If Yes, CAUTION, See list below:

- ☐ VENTILATION
- ☐ METAL PARTICLE
- ☐ CONFINED SPACE
- ☐ ELECTRICAL OR FIRE
- ☐ GRINDING, DRILLING, CUTTING OR SANDING
- ☐ CRUSH OR FALL
- ☐ SANITARY
- ☒ RADIOACTIVE

COMMENTS

(5) DISPOSAL REQUIREMENTS ☒ Yes ☐ No If Yes, CAUTION, Disposal Hazard, dispose of per local Environmental Coord.

- ☐ FLAMMABLE SOLID
- ☐ FLAMMABLE LIQUID
- ☐ AEROSOL
- ☐ HEAVY METALS
- ☐ REACTIVE
- ☐ SPECIAL WASTE (SEE COMMENTS)
- ☐ OTHER (SEE COMMENTS)
- ☐ TOXIC
- ☒ RADIOACTIVE
- ☐ BIOHAZARD
- ☐ NONHAZARDOUS

COMMENTS

SFR4653 5/00

Confidential  
UNITED-SL 0012



Revision B		Date	10/7/2003
COA Number	616520	Date	9/25/2003
ER Number	1	Page	6

total wt removed	3.68	total wt added
------------------	------	----------------

total negative balance moment	3055.6	total positive balance moment
-------------------------------	--------	-------------------------------

**NET WEIGHT & BALANCE CHANGE:**

net wt chg	3.68	lbs
net balance moment chg	3055.6	in-lbs

OPS EG Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Phone: \_\_\_\_\_

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**UNITED-SL 0013**



# UNITED AIRLINES

## ENGINEERING RELEASE - (ER)

(AOP 5-4-3)

Text Page

USE THIS SHEET WHEN SUFFICIENT  
SPACE  
IS NOT AVAILABLE ON SHEET # 1

Revision	B	Date	10/7/03
COA Number	6-1652-0	Date	9/25/03
ER Number	1	Page	7

### A. General Information

1. This ER provides instructions to remove two self-illuminating exit signs and four curtain track assemblies.
2. This ER is applicable to COA 616521 (N601UA, N603UA, N604UA, N613UA-N615UA, N617UA-N620UA).

### B. Technical Justification

The existing self-illuminating exit signs at approximate STA 800 do not comply with the requirements of 14CFR25.812(b)(1)(II) and are being removed. In addition, 14CFR25.811(d), states that "the location of each passenger emergency exit must be indicated by a sign visible to occupants approaching along the main passenger aisle." In order to comply with this requirement, the over-aisle curtain track assemblies are being removed at approximate STA 800 and 850. The curtain assemblies were removed previously per COA 6-1641-0. This change is minor. The original installations were approved via DAS-STC and, therefore, the affected STCs will be revised. The holes in the ceiling panel (remaining from the exit sign removal) will be plugged using standard cabin plugs. These plugs are currently installed on United's 777, 747, and 767-300 aircraft and are used on Boeing type-certified stowage compartments. Although the 767-200 is not included in this effectivity, their application in this installation is similar, in that they are used to plug holes in a passenger cabin facade. These plugs are small parts and will not significantly contribute to the propagation of a fire.

### C. SFOEG-Business Analyst, SFOJJ-Kit Stores, SFOEG-Work Documents

1. This ER will require the parts listed in the table below.

Item	P/N	PCN	Nomenclature	Qty/AC	Inst Loss/AC	Total Qty	Notes
1	751801-203	N/A	Plug	8	2	100	Obtain from COA 260020 ER 201, Line #0507, PO A0000004389

### D. Accomplishment Instructions - Base & Line Maintenance, SFOEG-Work Documents

1. Access
  - a. As necessary, remove over-aisle sculptured ceiling panels (reference AMM 25-22-00/001) from approximate STA 750 to STA 900, RH & LH aisles.
  - b. As necessary, remove and retain indirect ceiling lights per AMM 33-21-00/2xx.
2. Remove self-illuminating exit signs at approximate STA 800, right and left aisles (reference 6F16264-501).
  - a. At each location, remove exit sign, P/N 602-06-2-004, and cover, P/N 6F10215-3, by removing 4 screws, 8 washers, and 4 nuts.
  - b. At each location, install 4 plugs, P/N 751801-203 to close out holes in the ceiling panel.
3. Remove curtain track assemblies, P/N 6F16194-503 at approximate STA 850, right and left aisles, per 15F6784-506.

SFR3205W 9/00

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# UNITED AIRLINES

## ENGINEERING RELEASE - (ER)

(AOP 5-4-3)

Text Page

USE THIS SHEET WHEN SUFFICIENT  
SPACE  
IS NOT AVAILABLE ON SHEET # 1

Revision	B	Date	10/7/03
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- a. Gain access to outboard curtain track bracket (P/N 413T3523-5, part of assembly 6F16194-503). Remove two pins (P/N HL20PB6-2). Disconnect bracket from rail. Remove pins from rail.
  - b. Gain access to inboard curtain track bracket (P/N 413T3522-1, part of assembly 6F16194-503). Remove 2 screws (NAS603-x) to disconnect the bracket from the ceiling frame (reference 411T3504). Remove the complete curtain track assembly (P/N 6F16194-503) along with any attached fittings.
4. Remove curtain track assemblies, P/N 6F16194-504 at approximate STA 800, right and left aisles, per 15F6784-506.
    - a. Gain access to outboard curtain track bracket (P/N 413T3523-5, part of assembly 6F16194-504). Remove two pins (P/N HL20PB6-2). Disconnect bracket from rail. Remove pins from rail.
    - b. Gain access to inboard curtain track bracket (P/N 413T3522-1, part of assembly 6F16194-504). Remove 2 screws (NAS603-x) to disconnect the bracket from the ceiling frame (reference 411T3504). Remove the complete curtain track assembly (P/N 6F16194-504) along with any attachment fittings.
  5. Re-install any ceiling panels or ceiling lights removed previously (reference AMM 25-22-00/001 & AMM 33-21-00/2xx).
  6. The following is required on the prototype aircraft only.
    - a. Conformity inspection per requirements in applicable documents list.
    - b. Findings of compliance by the designated authorized representative.
  7. Dispose of all removed material as follows.
    - a. Send self-illuminating exit signs, P/N 602-06-2-004 (PCN 192-2066) to SFOCE P/C 421 for proper disposal.

**NOTE:** Self-illuminating exit signs are considered hazardous material for shipping purposes and must be shipped in accordance with Company Regulations 5-14-4.

    - b. Discard locally all other removed parts.
- E. SFOJC - Component Inventory Planning, SFOIP - Line Inventory Planning
1. Upon completion of this COA, delete PCN 192-2066 and purge stock. This part is no longer required for any active fleets. Return units to SFOCE P/C 421 for proper disposal of hazardous material.

SFR3205W 9/00

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UNITED-SL 0015

# UNITED AIRLINES

## ENGINEERING RELEASE - (ER)

(AOP 5-4-3)

### Text Page

USE THIS SHEET WHEN SUFFICIENT  
SPACE  
IS NOT AVAILABLE ON SHEET # 1

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#### F. Technical Publications

##### 1. IPC

- a. For each of the 767-222 IPC locations listed in the table below, make the associated changes.

IPC Location	Index	Change
11-00-25-040	ALL	Delete entire installation 6F16264-501 after accomplishment of COA 616521
25-24-53-001A	1	Show 15F6784-501 and -504 as "Before COA 616521"
	1	Add new installations 15F6784-506 as "After COA 616521" as follows: 15F6784-506, Curtain Inst-Domestic AC, Effectivity-Per COA Page 2
	50	Show Track Assy, P/N 6F16194-503, as "Before COA 616521"
	55	Show Track Assy, P/N 6F16194-504, as "Before COA 616521"
	80	Show Fitting, P/N 3F18057-1, as "Before COA 616521"
	95	Show quantity per assembly of Cap, P/N 69B50620-1, equal to 10 "Before COA 616521" and equal to 6 "After COA 616521"
	145	Show Screw, P/N NAS603-12P, as "Before COA 616521"
	150	Show quantity per assembly of Screw, P/N NAS514P832-12P, equal to 14 "Before COA 616521" and equal to 6 "After COA 616521"
	160	Show Washer, P/N MS35338-43, as "Before COA 616521"
	170	Show quantity per assembly of Placard, P/N BAC27TPPS0231, equal to 12 "Before COA 616521" and equal to 4 "After COA 616521"
	200	Show Cap, P/N 3F18136-1, as "Before COA 616521"
	255	Show Bolt, P/N NAS603-X, as "Before COA 616521"
25-22-01-001	260	Show Washer, P/N NAS1252-10L, as "Before COA 616521"
	NEW	Add new item, non-illustrated, P/N 751801-203, Plug-Button, Qty/Assy=8, "After COA 616521"

#### G. SFOEG - Operational Engineering, Weight & Balance

1. The Weight & Balance form SFR4855 provided in this ER accounts solely for the modification accomplished by this ER. However, for DAS-STC purposes, an equipment list must be issued to account for all weight & balance effects of the minor revision. COA 616411 accomplished the removal of the four curtain assemblies that were originally attached to the four curtain track assemblies removed by this ER. COA 616411 was a minor modification (under UA's part 121 authority) outside the scope of the STC and was in response to a TSA mandate. However, logic dictates that the equipment list must include the removal of the four curtain assemblies associated with the four curtain track assemblies. The weight & balance information for the curtain assemblies is provided in the table below.

Description of Item Removed	Weight	Location	Axis	Balance Moment
Curtain Assy, RH (STA 800)	3.5 lbs	800		2800
Curtain Assy, LH (STA 800)	3.5 lbs	800		2800
Curtain Assy, RH (STA 860)	3.5 lbs	860		3010
Curtain Assy, LH (STA 860)	3.5 lbs	860		3010
TOTAL	14 lbs			11620

SFR3205W 9/00

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ENGINEERING RELEASE (ER)  
(AOP 5-4-3)

COA TITLE

B767-222 Self-Illuminated Exit Sign Removal

REASON FOR THIS ER AND TECHNICAL JUSTIFICATION

Provide instruction to remove two exit signs and four curtain track assemblies (for ETOP's a/c only).

Rev A: Added section G. to document weight & balance effect of COA 816411.

DAS-STC YES ☒ NO ☐ REV A DATE 10/27/03

COA NUMBER 6-1652-0 DATE 9/29/03

ER NUMBER 2 PAGE 1

FILE NUMBER C-60-33-50

Robin Ogo (ENGINEER) 634-6999

Felix Ogo (TRAINING CHECKO) 10/29/03

Dave Hendry (ENGR. MANAGER)

Is this alteration & parts FAA approved?

☒ Yes ☐ No

If yes, reference source; if no, provide justification for alteration (Ref. FAR'S 21.303, 43.13(b), AND 25.XXX).

Does this ER alter an AD Compliance?

☐ Yes ☒ No

If yes, enter AD# & FAA Approval Letter Date

Does this ER affect weight and balance?

☒ Yes ☐ No

If yes, complete SFR4655 and include in ER.

Does this ER use or authorize HAZMAT?

☒ Yes ☐ No

If yes, complete SFR4653 and include as page(s) in ER.

Does this ER affect electrical load?

☐ Yes ☒ No

If yes, complete SFR3205.5.

TEST FLIGHT REQUIRED ☐ YES ☒ NO

MBM REQUIRED ☒ YES ☐ NO

DISPOSITION MBM REQUIRED ☒ YES ☐ NO

APPLICABLE DOCUMENTS

LINE NO.	DOCUMENT NO.	CHG. LTR.	VENDOR	TITLE	MFG	ASSY	MOD	REF
SEE FORM SFR3205.6 FOR APPLICABLE DOCUMENTS								

CURRENT PARTS AFFECTED

(FOR NEW PARTS SEE MASTER BILL OF MATERIAL)

LINE NO.	OLD PART NO.	E C R	ACTION CODES	WHEN	NEW PART NO.	E C R	IDENT	VENDOR	DESCRIPTION
SEE FORM SFR3205.2 FOR CURRENT PARTS AFFECTED									

\* ACTION CODES: RWK - REWORK / NUH - NOT USED HERE / DES - DESTROY / OTH - OTHER (EXPLAIN AT BOTTOM OF PAGE)\*\*  
\*\* IDENTITY CODE: CHECK IF REQUIRED. EXPLAIN AT BOTTOM OF PAGE\*\*. REFER TO GNMM 1-0-1-40 METHOD & CODE NUMBER.

CHECK LIST OF PUBLICATIONS AFFECTED

☐ NONE AFFECTED

NOTE: ENGINEER MUST REVISE OR ARRANGE FOR REVISION OF ITEMS MARKED "YES" EXCEPT FOR THOSE WITH ASTERISK (\*).

YES NO

☒ ☐ ILLUSTRATED PARTS CATALOG (IPC)

IPC LOCATIONS:

☐ ALL ☒ ONLY THOSE LISTED BELOW

☒ ☐ STORES CATALOG (SC)

☐ ☒ RECOVERABLE ASSY SPECIFICATION (RAS)

☐ ☒ FLIGHT OR FLIGHT TEST MANUAL

☐ ☒ COMPANY REGULATIONS 30/45/55

☐ ☒ MR MASTER INDEX

☐ ☒ SYSTEM EMAC (SFR4262)

☐ ☒ OPERATIONS SPECIFICATION

☐ ☒ USPHS (INFORMATION ONLY)

YES NO

☐ ☒ GND. EQUIP. MAINTENANCE MANUAL (GEMM)

☐ ☒ GND. EQUIP. OVERHAUL MANUAL (GEOM)

☐ ☒ COMPONENT MAINTENANCE MANUAL/TOM

OP ☐ JD ☐ ES ☐ AR ☐ FC ☐

☐ ☒ COMPONENT EMAC (SFR3657)

☐ ☒ AIRCRAFT MAINTENANCE MANUAL

☐ ☒ BUYER FURNISHED EQUIP. AFFECTED (BFE)

☐ ☒ STORES NOTICE

☐ ☒ MNT. OPERATING PROCEDURES (VOL I BK1)

☐ ☒ MINIMUM EQUIPMENT LIST (MEL) (VOL I BK2)

☐ ☒ GENERAL PROCESSES MANUAL (VOL I BK3)

YES NO

☐ ☒ WIRING DIAGRAM (WD)

☐ ☒ ITEM LIST (IL)

☐ ☒ WIRE LIST (WL)

(ENGINE SHOP ONLY)

☐ ☐ ENG OVERHAUL MAN

☐ ☐ SECT. LIST

☐ ☐ MRP

☐ ☐ JPC TC NO.

☐ ☐ UA RPR NO.

TECHNICAL INFORMATION

(SEE PAGE

FOR MORE INFORMATION)

☐ NONE REQUIRED

SFR3204 8/00

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UNITED-SL 0017



ENGINEERING RELEASE (ER)  
(AOP5-4-3)

Revision A		Date	10/27/03
COA Number	6-1652-0	Date	9/29/03
ER Number	2	Page	3

**APPLICABLE DOCUMENT LIST:**[illegible]

**NOTES:**

Note 1: Conformity inspection of 15F6784-506 was accomplished for STC SA5635NM-D. The -505 and -506 installations are the same except for the installation of a crew curtain. This curtain is not affected in this ER and has no effect on compliance findings. No additional inspection is required.  
Note 2: Conformity inspection was accomplished for SA5635NM-D. No additional inspection is required.

~~SFR-320567C8/80D~~

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**ENGINEERING RELEASE (ER)**

(AOP 5-4-3)

**USE THIS SHEET WHEN SUFFICIENT  
SPACE IS NOT AVAILABLE ON SFR3204**

Revision	A	Date	10/27/03
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**CURRENT PARTS AFFECTED (FOR NEW PARTS SEE MASTER BILL OF MATERIAL)**

[illegible]

**SFR 3205.2**      **8/00**

WOLFE \* 04

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**UNITED-SL 0020**

# HAZMAT MATERIAL IDENTIFICATION

EVA, SCR OR COA NUMBER 6-1852-0  
 FOR TMA SPEC NUMBER  
 ER NUMBER 2

AUTHORS INITIALS *BAU*  
 TECHNICAL CHECK INITIALS *[Signature]*

DATE 10/27/2003  
 REV A  
 PAGE 5

PART NUMBER 602-08-2-004

(1) **STORAGE REQUIREMENTS** ☐ Yes ☒ No If Yes, CAUTION: Refer to MSDS for precautions.

(2) **SHIPPING REQUIREMENTS** ☒ Yes ☐ No If Yes, CAUTION: Transportation Hazard, Do Not kit this material.

UN NUMBER UN2910  
 (IATA SHIPPING CODE)

Radioactive Material

7

(PROPER SHIPPING NAME)

(IATA CLASS OR DIVISION)

(3) **PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS** ☐ Yes ☒ No If Yes, See below:

- |  |   |
|--|---|
| <input type="checkbox"/> GLOVES              | WARNING: GLOVES REQUIRED, SEE GLOVE BOARD & UA REG. 5-12-7.           |
| <input type="checkbox"/> EYE PROTECTION      | WARNING: EYE PROTECTION REQUIRED, SEE TO MSDS & UA REG. 5-12-8.       |
| <input type="checkbox"/> PROTECTIVE CLOTHING | WARNING: PROTECTIVE CLOTHING REQUIRED, SEE TO MSDS & CO. REG. 5-12-7. |
| <input type="checkbox"/> RESPIRATOR          | WARNING: RESPIRATOR REQUIRED, SEE TO MSDS & UA REG. 5-12-8.           |
| <input type="checkbox"/> HEARING PROTECTION  | WARNING: HEARING PROTECTION REQUIRED, SEE TO MSDS & UA REG. 5-12-6.   |
| <input type="checkbox"/> OTHER PPE           |   |

(4) **WORK ENVIRONMENT HAZARD** ☒ Yes ☐ No If Yes, CAUTION, See list below:

- |   |   |          |
|---|---|----------|
| <input type="checkbox"/> VENTILATION                            | <input type="checkbox"/> CRUSH OR FALL          | COMMENTS |
| <input type="checkbox"/> METAL PARTICLE                         | <input type="checkbox"/> SANITARY               |          |
| <input type="checkbox"/> CONFINED SPACE                         | <input checked="" type="checkbox"/> RADIOACTIVE |          |
| <input type="checkbox"/> ELECTRICAL OR FIRE                     |   |          |
| <input type="checkbox"/> GRINDING, DRILLING, CUTTING OR SANDING |   |          |

(5) **DISPOSAL REQUIREMENTS** ☒ Yes ☐ No If Yes, CAUTION, Disposal Hazard, dispose of per local Environmental Coord.

- |   |   |          |
|---|---|----------|
| <input type="checkbox"/> FLAMMABLE SOLID              | <input type="checkbox"/> TOXIC                  | COMMENTS |
| <input type="checkbox"/> FLAMMABLE LIQUID             | <input checked="" type="checkbox"/> RADIOACTIVE |          |
| <input type="checkbox"/> AEROSOL                      | <input type="checkbox"/> BIOHAZARD              |          |
| <input type="checkbox"/> HEAVY METALS                 | <input type="checkbox"/> NONHAZARDOUS           |          |
| <input type="checkbox"/> REACTIVE                     |   |          |
| <input type="checkbox"/> SPECIAL WASTE (SEE COMMENTS) |   |          |
| <input type="checkbox"/> OTHER (SEE COMMENTS)         |   |          |

SFR4663 5/00

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**If a/c weight changes by more than 1 lb. fill out this form, include it in the ER and send a copy along with COA pg 1 to :  
SFOEG-OPERATIONAL ENGINEERING . WEIGHT & BALANCE**

Revision	A	Date	10/27/2003
COA Number	616520	Date	9/29/2003
ER Number	2	Page	6

[illegible]

### RANGE/PAYLOAD IMPACT ANALYSIS ON CRITICAL MISSION:

total negative balance moment	3055.6
-------------------------------	--------

total positive balance moment |

OPS EG: If the a/c weight changes by 100 lbs or more, complete the following analysis and return completed form to the design engineer.

CRITICAL MISSION: CITY PAIR: \_\_\_\_\_ DISTANCE: \_\_\_\_\_ NM

## RANGE IMPACT

A. Current unrestricted range: \_\_\_\_\_ nm

B. Net change in range: \_\_\_\_\_ nm

C. New range: \_\_\_\_\_ nm

## PAYLOAD IMPACT

A. Current max \_\_\_\_\_ pax \_\_\_\_\_ cargo \_\_\_\_\_

A. Current total	_____ pax	_____ cargo
B. Net change	_____ pax	_____ cargo

C. New max \_\_\_\_\_ pax \_\_\_\_\_ cargo \_\_\_\_\_

OPS EG Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Phone: \_\_\_\_\_

**NET WEIGHT & BALANCE CHANGE:**

net wt chg - 3.68 lbs

net balance moment chg **3055.6** in-lbs

၂၇၀၆၀ \* ၀၆၁

SFR4655 5/00

# UNITED AIRLINES

## ENGINEERING RELEASE - (ER)

(AOP 5-4-3)

Text Page

USE THIS SHEET WHEN SUFFICIENT  
SPACE  
IS NOT AVAILABLE ON SHEET # 1

Revision	A	Date	10/27/03
COA Number	6-1652-0	Date	9/29/03
ER Number	2	Page	7

### A. General Information

1. This ER provides instructions to remove two self-illuminating exit signs and four curtain track assemblies.
2. This ER is applicable to COA 616522 (N602UA, N805UA-N811UA).

### B. Technical Justification

The existing self-illuminating exit signs at approximate STA 800 do not comply with the requirements of 14CFR25.812(b)(1)(ii) and are being removed. In addition, 14CFR25.811(d), states that "the location of each passenger emergency exit must be indicated by a sign visible to occupants approaching along the main passenger aisle." In order to comply with this requirement, the over-aisle curtain track assemblies are being removed at approximate STA 800 and 850. The curtain assemblies were removed previously per COA 6-1641-0. This change is minor. The original installations were approved via DAS-STC and, therefore, the affected STCs will be revised. The holes in the ceiling panel (remaining from the exit sign removal) will be plugged using standard cabin plugs. These plugs are currently installed on United's 777, 747, and 767-300 aircraft and are used on Boeing type-certified stowage compartments. Although the 767-200 is not included in this effectivity, their application in this installation is similar, in that they are used to plug holes in a passenger cabin facade. These plugs are small parts and will not significantly contribute to the propagation of a fire.

### C. SFOEG-Business Analyst, SFOJJ-Kit Stores, SFOEG-Work Documents

1. This ER will require the parts listed in the table below.

Item	P/N	PCN	Nomenclature	Qty/AC	Instl Loss/AC	Total Qty	Notes
1	751801-203	N/A	Plug	8	2	80	Obtain from COA 260020 ER 201. Line #0507, PO A0000004389

### D. Accomplishment Instructions - Base and Line Maintenance, SFOEG-Work Documents

1. Access
  - a. As necessary, remove over-aisle sculptured ceiling panels (reference AMM 25-22-00/001) from approximate STA 750 to STA 900, RH & LH aisles.
  - b. As necessary, remove and retain indirect ceiling lights per AMM 33-21-00/2xx.
2. Remove self-illuminating exit signs at approximate STA 800, right and left aisles (reference 6F16264-501):
  - a. At each location, remove exit sign, P/N 602-06-2-004, and cover, P/N 6F10215-3, by removing 4 screws, 8 washers, and 4 nuts.
  - b. At each location, install 4 plugs, P/N 751801-203 to close out holes in the ceiling panel.
3. Remove curtain track assemblies, P/N 6F16194-503 at approximate STA 850, right and left aisles, per 15F6784-505.
  - a. Gain access to outboard curtain track bracket (P/N 413T3523-5, part of assembly 6F16194-503). Remove two pins (P/N HL20PB6-2). Disconnect bracket from rail. Remove pins from rail.

SFR3205W 9/00

Confidential  
UNITED-SL 0023

# UNITED AIRLINES

## ENGINEERING RELEASE - (ER)

(AOP 5-4-3)

Text Page

USE THIS SHEET WHEN SUFFICIENT  
SPACE  
IS NOT AVAILABLE ON SHEET # 1

Revision	A	Date	10/27/03
COA Number	6-1652-0	Date	9/29/03
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- b. Gain access to inboard curtain track bracket (P/N 413T3522-1, part of assembly 6F16194-503). Remove 2 screws (NAS603-x) to disconnect the bracket from the ceiling frame (reference 411T3504). Remove the complete curtain track assembly (P/N 6F16194-503) along with any attached fittings.
4. Remove curtain track assemblies, P/N 6F16194-504 at approximate STA 800, right and left aisles, per 15F6784-505.
  - a. Gain access to outboard curtain track bracket (P/N 413T3523-5, part of assembly 6F16194-504). Remove two pins (P/N HL20PB6-2). Disconnect bracket from rail. Remove pins from rail.
  - b. Gain access to inboard curtain track bracket (P/N 413T3522-1, part of assembly 6F16194-504). Remove 2 screws (NAS603-x) to disconnect the bracket from the ceiling frame (reference 411T3504). Remove the complete curtain track assembly (P/N 6F16194-504) along with any attachment fittings.
5. Re-install any ceiling panels or ceiling lights removed previously (reference AMM 25-22-00/001 & AMM 33-21-00/2xx).
6. Dispose of all removed material as follows.
  - a. Send self-illuminating exit signs, P/N 602-06-2-004 (PCN 192-2066) to SFOCE P/C 421 for proper disposal.
 

**NOTE:** Self-illuminating exit signs are considered hazardous material for shipping purposes and must be shipped in accordance with Company Regulations 5-14-4.
  - b. Discard locally all other removed parts.
- E. SFOJC - Component Inventory Planning, SFOIP - Line Inventory Planning
  1. Upon completion of this COA, delete PCN 192-2066 and purge stock. This part is no longer required for any active fleets. Return units to SFOCE P/C 421 for proper disposal of hazardous material.

SFR3205W 9/00

Confidential  
UNITED-SL 0024

# UNITED AIRLINES

## ENGINEERING RELEASE - (ER)

(AOP 5-4-3)

Text Page

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Revision	A	Date	10/27/03
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### F. Technical Publications

#### 1. IPC

- a. For each of the 767-222 IPC locations listed in the table below, make the associated changes.

IPC Location	Index	Change
11-00-25-040	ALL	Delete entire installation 6F16264-501 after accomplishment of COA 616522
25-24-53-001A	1	Show 15F6784-501 and -504 as "Before COA 616522"
	1	Add new installations 15F6784-505 as "After COA 616522" as follows: 15F6784-505, Curtain Instl-ETOPS AC, Effectivity=Per COA Page 2
	50	Show Track Assy, P/N 6F16194-503, as "Before COA 616522"
	55	Show Track Assy, P/N 6F16194-504, as "Before COA 616522"
	80	Show Fitting, P/N 3F18057-1, as "Before COA 616522"
	95	Show quantity per assembly of Cap, P/N 69B50620-1, equal to 10 "Before COA 616522" and equal to 6 "After COA 616522"
	145	Show Screw, P/N NAS603-12P, as "Before COA 616522"
	150	Show quantity per assembly of Screw, P/N NAS514P832-12P, equal to 14 "Before COA 616522" and equal to 6 "After COA 616522"
	160	Show Washer, P/N MS35338-43, as "Before COA 616522"
	170	Show quantity per assembly of Placard, P/N BAC27TPPS0231, equal to 12 "Before COA 616522" and equal to 4 "After COA 616522"
	200	Show Cap, P/N 3F18136-1, as "Before COA 616522"
	255	Show Bolt, P/N NAS603-X, as "Before COA 616522"
25-22-01-001	NEW	Show Washer, P/N NAS1252-10L, as "Before COA 616522"
		Add new item, non-illustrated, P/N 751801-203, Plug-Button, Qty/Assy=8, "After COA 616522"

### G. SFOEG - Operational Engineering, Weight & Balance

1. The Weight & Balance form SFR4655 provided in this ER accounts solely for the modification accomplished by this ER. However, for DAS-STC purposes, an equipment list must be issued to account for all weight & balance effects of the minor revision. COA 616411 accomplished the removal of the four curtain assemblies that were originally attached to the four curtain track assemblies removed by this ER. COA 616411 was a minor modification (under UA's part 121 authority) outside the scope of the STC and was in response to a TSA mandate. However, logic dictates that the equipment list must include the removal of the four curtain assemblies associated with the four curtain track assemblies. The weight & balance information for the curtain assemblies is provided in the table below.

Description of Item Removed	Weight	Location	Axis	Balance Moment
Curtain Assy, RH (STA 800)	3.5 lbs	800		2800
Curtain Assy, LH (STA 800)	3.5 lbs	800		2800
Curtain Assy, RH (STA 860)	3.5 lbs	860		3010
Curtain Assy, LH (STA 860)	3.5 lbs	860		3010
TOTAL	14 lbs			11620

SFR3205W 9/00

Confidential  
UNITED-SL 0025



ENGINEERING RELEASE (ER)  
(AOP 5-4-3)

COA TITLE

737 Self-Illuminated Exit Signs - Removal/Modification

REASON FOR THIS ER AND TECHNICAL JUSTIFICATION

THIS ER PROVIDES INSTRUCTIONS TO REMOVE THE SELF ILLUMINATED EXIT SIGNS CURRENTLY INSTALLED ON THE CLASS DIVIDER AND INSTALL NEW SIGNS. THIS IS A MINOR MODIFICATION THAT MEETS THE REQUIREMENTS OF 14 CFR PART 25.811 & 25.812. THE STC PACKAGE WILL BE REVISED AND A COMPLIANCE WALK THROUGH ACCOMPLISHED.  
REVISED TO ADD FORM SFR4653 and add SFOCE instructions.

DAS-STC	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	REV	A	DATE	9/15/03
COA NUMBER	929600	DATE	9/2/03		
ER NUMBER	3	PAGE	1		
FILE NUMBER	C-90-25-20				
Steve McNamara <i>[Signature]</i> 9/15/03 634-4367 (ENGINEER)					
Felix Garcia <i>[Signature]</i> 9/15/03 634-4367 (ENGINEER)					
Dave Hendryx <i>[Signature]</i> 9/19/03 (ENGR. MANAGER)					

Is this alteration & parts FAA approved?

☒ Yes ☐ No

If yes, reference source; if no, provide justification for alteration  
(Ref. FAR'S 21.303, 43.13(b), AND 25.XXX).

Does this ER alter an AD Compliance?

☐ Yes ☒ No

If yes, enter AD#

& FAA Approval Letter Date

Does this ER affect weight and balance?

☐ Yes ☒ No

If yes, complete SFR4655 and include in ER.

Does this ER use or authorize HAZMAT?

☒ Yes ☐ No

If yes, complete SFR4653 and include as page(s) in ER.

Does this ER affect electrical load?

☐ Yes ☒ No

If yes, complete SFR3205.5.

YES NO

YES NO

YES NO

TEST FLIGHT REQUIRED ☐ ☒

MBM REQUIRED ☐ ☒

DISPOSITION MBM REQUIRED ☐ ☒

APPLICABLE DOCUMENTS

SEE FORM SFR3205.6 FOR APPLICABLE DOCUMENTS

LINE NO.	DOCUMENT	CL	REF.

CURRENT PARTS AFFECTED

(FOR NEW PARTS SEE MASTER BILL OF MATERIAL)

LINE NO.	OLD PART NO.	ACTION			NEW PART NO.	E C R	IDENT	VENDOR	DESCRIPTION
		E C R	CODES	WHEN					

\* ACTION CODES: RWK - REWORK / NUH - NOT USED HERE / DES - DESTROY / OTH - OTHER (EXPLAIN AT BOTTOM OF PAGE)\*\*  
\*\* IDENTITY CODE: CHECK IF REQUIRED. EXPLAIN AT BOTTOM OF PAGE\*\*. REFER TO GNM 1-0-1-40 METHOD & CODE NUMBER.

CHECK LIST OF PUBLICATIONS AFFECTED

☐ NONE AFFECTED

NOTE: ENGINEER MUST REVISE OR ARRANGE FOR REVISION OF ITEMS MARKED "YES" EXCEPT FOR THOSE WITH ASTERISK (\*).

YES NO

YES NO

YES NO

☒ \* ☐ ILLUSTRATED PARTS CATALOG (IPC)

☐

☒ GND. EQUIP. MAINTENANCE MANUAL (GEMM)

☐

☒ WIRING DIAGRAM (WD)

IPC LOCATIONS:

☐

☒ GND. EQUIP. OVERHAUL MANUAL (GEOM)

☐

☒ ITEM LIST (IL)

☐ ALL ☒ ONLY THOSE LISTED BELOW

☐

☒ COMPONENT MAINTENANCE MANUAL/TOM

☐

☒ WIRE LIST (WL)

☒ \* ☐ STORES CATALOG (SC)

☐

OP ☐ JD ☐ ES ☐ AR ☐ FC ☐

☐ \* ☒ RECOVERABLE ASSY SPECIFICATION (RAS)

☐

☒ COMPONENT EMAC (SFR3657)

(ENGINE SHOP ONLY)

☐ \* ☒ FLIGHT OR FLIGHT TEST MANUAL

☒

☐ AIRCRAFT MAINTENANCE MANUAL

☐

☐ ENG OVERHAUL MAN

☐ \* ☒ COMPANY REGULATIONS 30/45/55

☐

☒ BUYER FURNISHED EQUIP. AFFECTED (BFE)

☐

☐ SECT. LIST

☐ \* ☒ MR MASTER INDEX

☐

☒ STORES NOTICE

☐

☐ MRP

☒ \* ☐ SYSTEM EMAC (SFR4262)

☐

☒ MNT. OPERATING PROCEDURES (VOL I BK1)

☐

☐ JPC TC NO.

☐ \* ☒ OPERATIONS SPECIFICATION

☐

☐ MINIMUM EQUIPMENT LIST (MEL) (VOL I BK2)

☐

☐ UA RPR NO.

☐ \* ☒ USPHS (INFORMATION ONLY)

☐

☒ GENERAL PROCESSES MANUAL (VOL I BK3)

TECHNICAL INFORMATION

(SEE PAGE 5 FOR MORE INFORMATION)

☐ NONE REQUIRED

This COA replaces the self-illuminated exit signs from the class divider. This signs were installed per DWG 73-05-627 as part of STC ST00283LA-D.

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UNITED-SL 0026

SFR3204 8/00



Revision		A	Date	9/15/2003
COA Number	929600		Date	9/2/2003
ER Number	3		Page	2 of 6

[illegible]

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**UNITED-SL 0027**

**SFR 3205.4**

8/00



**ENGINEERING RELEASE (ER)**

(AOP5-4-3)

**USE THIS SHEET WHEN SUFFICIENT  
SPACE IS NOT AVAILABLE ON SFR3204**

Revision	A	Date	9/15/03
COA Number	929600	Date	9/2/03
ER Number	3	Page	3

**APPLICABLE DOCUMENT LIST:**[illegible]

**NOTES:**

Revised drawing title.

**SFR 3205.6 8/00**

**Confidential**  
**UNITED-SL 0028**





































































# Invoice

## SAFETY LIGHT Corporation

Invoice Date: 11/07/2000

PO # 19220680000

Invoice # 4604SL

**Bill To:**

United Airlines  
PO Box 66231  
EXOAZ  
Chicago, IL 60666  
USA

CUSTOMER# UNIAIR

**Ship To:**

UNITED AIRLIES  
SFOPP- SAN FRANCISCO INTL AIR  
REC BLDG #15  
SAN FRANCISCO, CA 94128  
USA  
000-000-0000  
JANET CINQUEGRANA

EndUser:

Ship Via	FEDX #1 COLLECT	FOB	FACTORY
Ship Date	11/03/2000	Tracking #	476977452499,

PRODUCT NO	DESCRIPTION		QTY	PRICE	EXTENDED PRICE
758-14-1	SELF LUMINOUS SIGN	"PULL"	18	\$142.55	\$2,565.90

**Total Due: \$2,565.90**

Comments: FEDX #107533788  
AOG - SHIP ASAP

**TERMS: Net 30**

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 584-1402

UNITED-SL 0059

**Invoice****SAFETY LIGHT Corporation**

Invoice Date: 02/02/2001

PO # 18134010000

Invoice # 6067SL

**Bill To:**

United Airlines  
PO Box 66231  
EXOAZ  
Chicago, IL 60666  
USA

**Ship To:**

United Airlines-Oakum  
Oakland Int'l Airport  
1100 Airport Drive  
Oakland, Ca 94621  
USA  
000-000-0000

CUSTOMER# UNIAIR

EndUser:

Ship Via	Fed X	FOB	FACTORY
Ship Date	02/01/2001	Tracking #	476977453072,

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
604-510	END.CAP 60B50196-10	5	\$22.10	\$110.50
FREIGHT	Shipping Charges	1	\$26.50	\$26.50
			<b>Total Due:</b>	<b>\$137.00</b>

Comments:

TERMS: Net 30

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 584-1402

UNITED-SL 0060

# Invoice

# SAFETY LIGHT Corporation

Invoice Date: 04/05/2001

PO # 19220680001

Invoice # 6949SL

**Bill To:**

United Airlines  
PO Box 66231  
EXOAZ  
Chicago, IL 60666  
USA

**Ship To:**

United Airlines  
Maintenance Purchasing-SFOPP  
Receiving Bldg #15  
San Francisco, CA 94128  
USA  
650-634-7353

CUSTOMER# UNIAIR

EndUser:

Ship Via	Fed Ex P1	FOB	FACTORY
Ship Date	04/04/2001	Tracking:#	476977453304,

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
758-14-1	SELF LUMINOUS SIGN "PULL"	41	\$125.75	\$5,155.75

**Total Due:** \$5,155.75

Comments: Fed Ex Acct# 1075-3378-8 please rush ASAP

TERMS: Net 30

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 584-1402

UNITED-SL 0061





**Invoice # 14858SL**

Invoice Date: 11/18/2002

PO # A0000011074

**Bill To:**

United Airlines  
PO Box 66231  
WHQAZ - Accts Payable  
Chicago, IL 60666  
USA

**Ship To:**

UNITED AIRLINES  
2545 SOUTH HOFFMAN  
INDIANAPOLIS MAINT CNTR  
INDIANAPOLIS, IN 46241-3654  
USA

CUSTOMER# UNIAIR

JACKIE KELLY

EndUser:

Ship Via	FEDXP1 COL 107533788	FOB	FACTORY
Ship Date	11/14/2002	Tracking #	476977456601

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
602-06-2-004	Self Luminating Panel - Aircraft Signs	36	\$171.35	\$6,168.60

**Total Due: \$6,168.60**

Comments: SHIP ASAP - AOG

**TERMS Net 30**

**UNITED-SL 0062**

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402



Att: Brenda  
MARRIS

Diane  
Heath

Invoice # 19716SL

Invoice Date: 9/18/2003

PO # A0000011674

Bill To:

United Airlines  
PO Box 68231  
WHAZ - Accts Payable  
Chicago, IL 60668  
USA

CUSTOMER: UNIAIR

Ship To:

UNITED AIRLINES  
C/O TIMCO - LAKE CITY  
HWY 80, EAST LAKE CITY AIRPT  
LAKE CITY, FL 32025  
USA

UALEG REP - R BRERETON

EndUser:

Ship Via	UPS 2 DAY	FOB	FACTORY
Ship Date	9/17/2003	Tracking #	1Z1814880241226039

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
604-11-3-001	SELF LUMINOUS SIGN "EXIT"	2	\$324.90	\$649.80
FREIGHT *	Shipping Charges	1	\$20.00	\$20.00
			Total Due:	\$669.80

Comments: SHIPPED W/PO# A0000011675

092003

\* Freight Charges  
open

TERMS: Net 30

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402

UNITED-SL 0063



**Invoice # 19717SL**

Invoice Date: 9/18/2003

PO # A0000011878

**Bill To:**

United Airlines  
PO Box 68231  
WFOAZ - Accts Payable  
Chicago, IL 60668  
USA

CUSTOMER: UNIAIR

**Ship To:**

UNITED AIRLINES  
C/O TIMCO - LAKE CITY  
HWY 90, EAST LAKE CITY AIRPT  
LAKE CITY, FL 32025  
USA

UALBO REP - R BRERETON

EndUser:

Ship Via	UPS 2 DAY	FOB	FACTORY
Ship Date	9/17/2003	Tracking #	1Z1814880241228039

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
004-608	END CAP	4	\$23.75	\$95.00

**Total Due: \$95.00**

Comments: SHIPPED W/PO# A0000011874

092003

**TERMS: Net 30**

Remit to: 4150-A Old Berwick Road, Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402

UNITED-SL 0064



**Invoice # 19718SL**

Invoice Date: 10/10/2003

PO # A0000011683

**Bill To:**

United Airlines  
PO Box 66231  
WHQAZ - Accts Payable  
Chicago, IL 60666  
USA

**Ship To:**

UNITED AIRLINES  
MAINT. OPERATION CNTR  
SAN FRAN INTL AIRPORT  
SAN FRANCISCO, CA 94128  
USA

**CUSTOMER# UNIAIR**

**BLDG-15, RECEIVING, SFKIT**

**EndUser:**

Ship Via	UPS 866-835	FOB	FACTORY
Ship Date	10/9/2003	Tracking #	1Z1814860341695745

PRODUCT NO	DESCRIPTION		QTY	PRICE	EXTENDED PRICE
604-11-3-001	SELF LUMINOUS SIGN	"EXIT"	112	\$274.15	\$30,704.80
				<b>Total Due:</b>	<b>\$30,704.80</b>

**Comments:** SHIP SOONER IF POSSIBLE

**TERMS Net 30**

**Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402**

**UNITED-SL 0065**



**Invoice # 19719SL**

Invoice Date: 10/10/2003

PO # A0000011684

**Bill To:**

United Airlines  
PO Box 66231  
WHQAZ - Accts Payable  
Chicago, IL 60666  
USA

**Ship To:**

UNITED AIRLINES  
MAINT. OPERATION CNTR  
SAN FRAN INTL AIRPORT  
SAN FRANCISCO, CA 94128  
USA

BLDG 15, RECEIVING, SFKIT

CUSTOMER# UNIAIR

EndUser:

Ship Via	UPS 866-835	FOB	FACTORY
Ship Date	10/9/2003	Tracking #	1Z1814860341674722

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
604-508	END CAP	224	\$17.55	\$3,931.20

**Total Due: \$3,931.20**

Comments: SHIP SOONER IF POSSIBLE

*Prepaid*

**TERMS Net 30**

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402

UNITED-SL 0066



**Invoice # 20932SL**

Invoice Date: 12/4/2003

PO # 19220710001

**Bill To:**

United Airlines  
PO Box 66231  
WHQAZ - Accts Payable  
Chicago, IL 60666  
USA

**Ship To:**

UNITED AIRLINES-SFOJJ  
MAINT. OPERATIONS CNTR  
REC BLDG 15; SAN FRAN INTL.  
SAN FRANCISCO, CA 94128

CUSTOMER# UNIAIR

SWARL BAJPAI

EndUser:

Ship Via	UPS NXT 866-835	FOB	FACTORY
Ship Date	12/3/2003	Tracking #	1Z1814860141085863

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
758-14-1A	SELF LUMINOUS SIGN "PULL" LARGER HOUSING	5	\$193.20	\$966.00

**Total Due: \$966.00**

Comments: AOG AIRCRAFT #6345  
SHIP ASAP

**TERMS Net 30**

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402

UNITED-SL 0067



**Invoice # 24652SL**

Invoice Date: 7/20/2004

PO # E0060183678

**Bill To:**

United Airlines  
PO Box 86231  
WHQAZ - Accts Payable  
Chicago, IL 60666  
USA

**Ship To:**

UNITED AIRLINES  
BLDG 15; REC.;MAINT. OPS CNTR  
SAN FRANCISCO INTL AIRPORT  
SAN FRANCISCO, CA 94128

CUSTOMER# UNIAIR

EndUser:

Ship Via	UPS 2DY 866-835	FOB	FACTORY
Ship Date	7/19/2004	Tracking #	1Z1814860241215149

PRODUCT NO	DESCRIPTION	QTY	PRICE	EXTENDED PRICE
758-14-1-11	SELF LUMINOUS SIGN "PULL"	1	\$217.10	\$217.10

**Total Due: \$217.10**

**Comments:** SHIP SOONER IF POSSIBLE - AOG  
CANNOT SHIP FEDEX - WILL SHIP UPS 2DY COL

**TERMS Net 30**

Remit to: 4150-A Old Berwick Road Bloomsburg, PA 17815 - (570) 784-4344 Fax (570) 784-1402

UNITED-SL 0068

Need process 002761 001

PAGE 2/10  
wife transfer

PREPARE IN DUPLICATE		UNITED AIR LINES CASH VOUCHER		CASH VOUCHER NUMBER 19716-7175L		TOTAL AMOUNT	
PLEASE PRINT							
PAYEE FIRST NAME OR INITIALS Baker		LAST NAME (VENDOR NAME) Safety				MONTH/YEAR 9/03	
ADDRESS 4150 A 614 Berwick Road		CITY Burlington		STATE		ZIP CODE	
BANK NAME							
ABA NUMBER							
BANK ACCOUNT NUMBER							
				<input checked="" type="checkbox"/> BANK TRANSFER		<input type="checkbox"/> CANADIAN FUNDS	
CLERK CODE	ACCOUNT NUMBER OR WORK ORDER NUMBER	TOTAL AMOUNT (CIRCLE CREDITS)	P.O./ CONTRACT NUMBER	VENDOR CODE	INVOICE NUMBER OR TAX CODES		
STATE CODE	NO. OF INVOICES 4 See attached	\$ 35,380.80	002761-001		See attached		
	1890 38 1668						
FORM G-43							
TAX STATE							
DATE DUE							
GROSS AMOUNT \$ 35,380.80							
DISCOUNT \$							
NET AMOUNT \$ 35,380.80							
PREPARED BY AND PHONE EXTENSION							
CHECKED BY		APPROVALS		FOR EXOAP USE ONLY			
				PAYMENT APPROVED BY			



# United Airlines INVOICE APPROVAL FORM

Vendor Name Safety Light  
 Contact Person Julie Narice  
 Initial Phone Number 704-1129  
 Delivery Location ~~MEMPHIS~~ SFO

	(Pre-12/9/2002) PRE-PETITION	(12/9/2002 and after) POST-PETITION
Possession Date		Will ship upon pre-pay 9/4/03
Material/Service Amnt	\$	\$ 30,704.80
Tax	\$	\$
Freight	\$	\$
Other	\$	\$
Total Amount	\$	\$ 30,704.80

Contract/Overflow # \_\_\_\_\_

	PRE-PETITION	POST-PETITION
Commodity Code	\$	\$
	\$	\$
	\$	\$
	\$	\$

	PRE-PETITION	POST-PETITION
Account Number	\$	\$
	\$	\$
	\$	\$
	\$	\$
TOTAL	\$	\$

(amount not to be paid)

(amount to be paid)

Comments:

Safety Light order # 1971854  
 UAL PO# 190000011683

# United Airlines INVOICE APPROVAL FORM

Vendor Name Safety Light  
 Contact Person Julie Nante  
 Unitel Phone Number 704-1129  
 Delivery Location Timco-~~650~~ LCO

	(Pre-12/9/2002) PRE-PETITION	(12/9/2002 and after) POST-PETITION
Possession Date		Will ship upon pre payment 9/4/03
Material/Service Amnt	\$	\$ 649.80
Tax	\$	\$
Freight	\$	\$
Other	\$	\$
Total Amount	\$ -	\$ 649.80

Contract/Overflow # \_\_\_\_\_

	PRE-PETITION	POST-PETITION
Commodity Code	\$	\$
	\$	\$
	\$	\$
	\$	\$

	PRE-PETITION	POST-PETITION
Account Number	\$	\$
	\$	\$
	\$	\$
	\$	\$
TOTAL	\$ (amount not to be paid)	\$ (amount to be paid)

Comments:

Safety Light - ~~Invoice #~~  
 ORDER # 19716SL PO# A0000011674

# United Airlines INVOICE APPROVAL FORM

Vendor Name Safety Light  
 Contact Person Julie Nance  
 Unitel Phone Number 704-1129  
 Delivery Location Timco ~~65507~~ (LCQ)

(Pre-12/8/2002)

PRE-PETITION

(12/8/2002 and after)

POST-PETITION

Possession Date                      →                       
 Material/Service Amnt                      → \$                       
 Tax                      → \$                       
 Freight                      → \$                       
 Other                      → \$                       
 Total Amount                      → \$                     

Will ship upon pre-pay 9/4/03  
 \$ 95.00  
 \$                       
 \$                       
 \$                       
 \$                       
 \$ 95.00

Contract/Overflow #                     

PRE-PETITION

POST-PETITION

Commodity Code                      \$                       
                     \$                       
                     \$                       
                     \$                     

\$                       
 \$                       
 \$                       
 \$                     

PRE-PETITION

POST-PETITION

Account Number                      \$                       
                     \$                       
                     \$                       
                     \$                     

\$                       
 \$                       
 \$                       
 \$                     

TOTAL                      → \$                       
 (amount not to be paid)

\$                       
 (amount to be paid)

Comments:

Safety Light order # 19717SL  
UAL PO # A0000011675

# United Airlines INVOICE APPROVAL FORM

Vendor Name Safety Light  
 Contact Person Julie Nance  
 Unitel Phone Number 704-1129  
 Delivery Location Inter SFO

	(Pre-12/9/2002) PRE-PETITION	(12/9/2002 and after) POST-PETITION
Possession Date →		Will Ship upon pre-pay 9/4/03
Material/Service Amnt →	\$	\$ 3,931.20
Tax →	\$	\$
Freight →	\$	\$
Other →	\$	\$
Total Amount	\$ -	\$ 3,931.20

Contract/Overflow # \_\_\_\_\_

	PRE-PETITION	POST-PETITION
Commodity Code	\$	\$
	\$	\$
	\$	\$
	\$	\$

	PRE-PETITION	POST-PETITION
Account Number	\$	\$
	\$	\$
	\$	\$
	\$	\$
TOTAL →	\$ -	\$ -

(amount not to be paid)

(amount to be paid)

Comments:

Safety Light order # 197195L  
 UAC PO # A0000011684

UNITED-SL 0074

VC	Vdr Name	PO Date	Material Required Date	Promiss Date	Received Date	QC	PO No	PCN	Part Number	Description	Qty Ordered	Qty Received	Unit Price	PO Amt	Invoice Amt	Invoice Qty	PO Status
S6642	SAFETY LIGHT CORP	20021021		20021104	20021115	78	A0000011074		002-06-3-004	PLACARD EXIT ISOLITE	36	36	\$171.15	\$6,168.00	\$6,168.00	36.0000	Y
B2365	SELF POWERED LIGHTING INC	20061109	20061129	20061204	20061201	92	89048319260	0561846	DB45B3	TESTER	1	1	\$200.00	\$200.00	\$0.00	0.0000	Y
B2365	SELF POWERED LIGHTING INC	20061114	20061204	20061209	20071210	92	89048319260	0561846	DB45B3	TESTER	1	0	\$200.00	\$200.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20061228	20070201	20070206	20071011	92	89048319260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070426	20070531	20070605	20070505	92	89030919260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070426	20070531	20070605	20070505	92	89030919260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070531	20070705	20070710	20070514	92	89046400260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070606	20070711	20070716	20080716	92	89046440260	0561846	DB45B3	TESTER	1	0	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070609	20070714	20070719	20070825	92	89031560260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070815	20070919	20070924	20070830	92	89034979260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070815	20070919	20070924	20070825	92	89085129260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070815	20070919	20070924	20070827	92	89085159260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070815	20070919	20070924	20070825	92	89085109260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070815	20070919	20070924	20070830	92	89085100260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070821	20070925	20070930	20070830	92	89085101260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070821	20070925	20070930	20070830	92	89085101260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070905	20071010	20071015	20070927	92	89084279260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070921	20071026	20071031	20070930	92	89104409260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070922	20071027	20071101	20071012	92	89105359260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y
09636	SELF POWERED LIGHTING INC	20070925	20071030	20071104	20071012	92	89106369260	0561846	DB45B3	TESTER	1	1	\$0.00	\$0.00	\$0.00	0.0000	Y

VENDORBASE	VENDORLOC	VNDR LONG NM	PMTSTATCD	ICKVAL	INVCDT	INVCGROSSAMT
037335	001	SELF POWERED LIGHTING INC	C	0513001	11August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513131	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513141	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513151	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513161	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513171	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513181	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513191	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	0513201	14August2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	051408	17September2003	125.00
037335	001	SELF POWERED LIGHTING INC	C	051836	09February2004	100.00
037335	001	SELF POWERED LIGHTING INC	C	051837	09February2004	100.00
037335	001	SELF POWERED LIGHTING INC	C	051890	25February2004	125.00
037335	001	SELF POWERED LIGHTING INC	C	052041	15April2004	125.00
037335	001	SELF POWERED LIGHTING INC	C	052142	18May2004	125.00
037335	001	SELF POWERED LIGHTING INC	C	052233	18June2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052332	21July2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052373	04August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052374	04August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052375	04August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052376	04August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052378	04August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052379	04August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052401	13August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052429	25August2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052515	23September2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052535	04October2004	200.00
037335	001	SELF POWERED LIGHTING INC	C	052741	30November2004	75.00
037335	001	SELF POWERED LIGHTING INC	C	052742	30November2004	75.00
037335	001	SELF POWERED LIGHTING INC	C	053477	28July2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053534	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053535	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053536	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053537	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053538	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053539	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053540	17August2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053618	08September2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053619	08September2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053702	10October2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053901	12December2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053902	12December2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	053910	14December2005	200.00
037335	001	SELF POWERED LIGHTING INC	C	054228	28March2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054229	28March2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054782	06September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054783	06September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054784	06September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054787	07September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054788	07September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054830	22September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054851	29September2006	200.00
037335	001	SELF POWERED LIGHTING INC	C	054880	11October2006	200.00

VENDORBASE	VENDORLOC	VNDR LONG NM:	PMTSTATCD	ICKVAL	INVCDT	INVCGROSSAMT
025736	004	SELF-POWERED LIGHTING INC	C	052430	25August2004	300.00



PO HEADER		Properties	History	View Quantities	Personalizer	View Routing	Return
Vendor Number	002761001	Walker PO	EV0134713SF 00000000	PO Status	CLOSED		
Vendor Name	SAFETY LIGHT CORP	Vendor Phone	(570)784-4344	Vendor E-mail			
Date Opened	06/02/1999	Required Date	12/05/1997	Aircraft/Engine			
Buyer Code	08	Buyer Name	UNASSIGNED	Buyer Phone	650-634-7358		
Delivery Location	SFOJJ	Originator Name		Originator Phone			
Requestor Name		Requestor Phone					
Manual Requisition		Requisition Approved Date					
Running Total	2,500.00	Gross Amount	2,500.00	Send Format	4		
PO LINE		Line Properties	Invoice Summary	List All Lines			
Legacy PO	E5070219147	Line Number	1	Line Code	MAT		
Part Number	NPN	Occurrence	XX	Hazmat	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Vendor PN		Occurrence		Lead Time			
Noun	DISPOSAL	Order Quantity	250	Unit Price	10.00000		
UOM	EA	Line Amount	2,500.00	Condition of Part	CV		
Inspection	***	CCN		CAB/ACK	7777777777		
Required Date	12/05/1997	Ship Date		ETA Date	12/05/1997		
Delivery Location	SFOJJ	Internal Delivery Name	B49-2FL-S-COMPT	Internal Delivery Address	SFOMP-		
Send Format	4	Manual Requisition Line#		Vade Number			
OSTF Number		Priority		Aircraft Number			



# List Built with PCN

EVP-Key	BC	Legacy PO	PO Status	Rejected	Input Date	Vendor No.	Legacy Vendor	Vendor.Name	..PCN..	.....Part.Number.....	Qty Ordered	Qty Received	Li Amc
1922071	29	19220719162	C		06/28/99	002761001	S6642	SAFETY LIG	1922071	758-14-1A	16.0000	16.0000	2,281
1922071	3A	19220710000	C		01/11/00	002761001	S6642	SAFETY LIG	1922071	758-14-1A	16.0000	16.0000	2,281
1922071	3A	19220710000	C		08/16/00	002761001	S6642	SAFETY LIG	1922071		0.0000	0.0000	0.00
1922071	3A	19220710000	C		07/26/00	002761001	S6642	SAFETY LIG	1922071	758-14-1A	16.0000	0.0000	2,281
1922071	3A	19220710000	C		08/16/00	002761001	S6642	SAFETY LIG	1922071	758-14-1A	16.0000	0.0000	2,281
1922071	3A	19220710000	C		08/16/00	002761001	S6642	SAFETY LIG	1922071		0.0000	0.0000	0.00
1922071	4D	19220710001	C		11/19/03	002761001	S6642	SAFETY LIG	1922071	758-14-1A	5.0000	5.0000	966.1

Total records displayed : 7

[Print](#)

UNITED-SL 0080



## List Built with PCN

EVP-Key	BC	Legacy PO	PO Status	Rejected	Input Date	Vendor No.	Legacy Vendor	Vendor.Name	..PCN..	.....Part.Number.....	Qty Ordered	Qty Received	Lin Amoi
1922073	29	19220739162	C		07/17/99	002761001	S6642	SAFETY LIG	1922073	616-05-3-053	5.0000	5.0000	1,306

Total records displayed : 1

[Print](#)

UNITED-SL 0081

PCN SPLY RC UN PART NBR \*HAZMAT\* SC RECORD DISPLAY  
SCDREC / 192-2069 192 \* EA 60B50196-1 DPC: .  
DESCRIPTION: PLACARD-EXIT RADIOACTIVE \*N366UA-N367UA N369UA-N383  
UA N385UA-N399UA \*N910UA-N934UA

EFFECT: 747SP 747-422 747 737-322 747-222B 737-522 747-238B

CUST ID: UA

ROT MR STD CON L SSC SPA E-A QEC RAT FL WD EMAC SC-- COM FSC

N N . N ... Y . . Y . . . S... ..

UMS: ..-..-.. ATA: 11 ... REV DTE: 11SEP03 PEND: N

EAD: ..... REF: ..

EFFECTIVITY FOR REFERENCE ONLY. SEE IPC FOR ACTUAL EFFECTVTY

ROLL UP FOR MORE INFO PAGE 01 OF 02 MU /



QP \*PD84819  
.SFOJJ 130801

PCN : 192-2069  
MR# : MR  
RCSH:  
U/S BIN LOC: GNB

\*\*\*\* HAZMAT \*\*\*\*  
NOUN : PLACARD  
DASH#:  
P/N : 60B50196-1

\* \* EXPEDITE UNSERVICEABLE \* \*  
RPR SHOP: 272- BIN CARD  
MFG SER#:

DTE/TIME: 139EP07-0101

UNIT UNDER WRNTY: UNK REPAIR AUTH: YES-VNDR REP APPROVAL REQD.  
WARRANTY INFO: MONTHS DAYS HOURS CYCLES  
STD WARRANTY PERIOD : 36.0 1095 0 NA  
STD WRNTY LEFT-THIS UNIT: NA NA NA NA  
DATE UNIT NEW: PO/ACFT#:  
LAST VNDR REP: PO NBR : VNDR:

272  
SEP 13 2001  
SFOJJ-FIN 140429

"R

\* DANGEROUS GOODS

UNITED  
I&RTAG

PCN		PART NO		NAME		DASHED NO. OFF		SER. NO. IF NO DASH	
192 2069		60B50196-1		PLACARD		DASH NO. ON		MFG. SER. NO.	
MAINT. SHOPS	PS	421						421 000	UTSO
	X	NM						HOME SHOP SHIP CONT.	BATCHABLE
								DATE SERVICEABLE	QUANTITY
								2-19-03	1 ea
THE REPAIRS DESCRIBED HEREIN HAVE BEEN PERFORMED & INSPECTED IN ACCORDANCE WITH UAL SPECS & CONFORM TO CURRENT FAR'S. WHEN SIGNED IN THE SERVICEABLE BLOCK, THIS UNIT IS CERTIFIED AIRWORTHY, WITH RESPECT TO THE WORK PERFORMED. PERTINENT INFO. IS ON FILE AT UAL (AIR CARRIER UAL011A, & REPAIR STATION UALR011A) SAN FRANCISCO INTERNATIONAL AIRPORT, CA 94128									
COMPLETE IF PLANE INVOLVED		COMPLETE IF PLANE NOT INVOLVED		COMPLETE AS REQUIRED		COMPLETE ON ALL TAGS			
PLANE NO.		PLANE TAG		NHA PCN AND DASH NO.		NHA CODE*		POSITION	
								DATE	
								STA	
REMOVAL CODE - SEE BACK OF YELLOW STUB.									
REASON FOR REMOVAL OR REPORTED TROUBLE:									
1 <input type="checkbox"/> TIME									
2 <input type="checkbox"/> TROUBLE									
3 <input type="checkbox"/> OTHER									
SIGNATURE (OR STAMP) & FILE NO.									
NON-REPORTABLE UNIT-MRDATA TRANSACTION NOT REQUIRED.									
UNITED AIRLINES IDENTIFICATION & ROUTING TAG									

UNITED-SL 0083

## Straight Bill of Lading-Short Form

**Original - Not Negotiable**

RECEIVED; subject to the classifications and tariffs in effect on the date of issue of this Original Bill of Lading, the property described below, in apparent good order, except as noted (contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof; if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CARRIER AND ROUTE Roadway Express		SCAC	CAR OR VEHICLE INITIALS AND NUMBER	CHARGES TO BE Billed to United Airlines
CONSIGNED TO Self Powered Lighting Inc (800)777-9399 4150 A Old Berwick Road Attn: Health and Safety Officer Bloomsburg PA		FROM United Airlines, Inc. Environmental Compliance- SFOMP 800 S. Airport Blvd San Francisco CA 94128	SHIPPER'S NUMBER          ALL LETTERS AND NUMBERS IN ABOVE AREA MUST SHOW ON FREIGHT BILL.	
UA AUTHORITY TO SHIP SFOMP - Steve Sulgit		ZIP CODE 17815	AT 800 S. Airport Blvd San Francisco CA 94128	DATE September 27, 2007

[illegible]

This is to certify that the above named articles are properly classed, described, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Depart of Transportation.

If lower charges result, the agreed or declared value of the within described except as specifically identified is hereby specifically stated to be not exceeding 50 cents per pound for each article.

The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certification thereon, and all other requirements of uniform freight classification.

UNITED AIRLINES	DRIVER'S NAME:	CARRIER:	UNITED-SL 0084
PER:			

Mail original freight bill to: United Airlines, Inc. C/O Aerospace Management Systems LLC, P.O. Box 43046, Chicago, IL 60643

UJF 4073 REV. 3-07 PRINTED IN U.S.A.

1. AEROSPACE MANAGEMENT SYSTEMS, LLC

## 2. CARRIER

### 3. LOCAL FILE

Printed on 09/27/2007 9:51 AM

Contract	Contractor	Location
10400	Air Traffic Conference	Box 249
10401	Northwestern Refining Company	Box 118
10402	TWA, AAL, DAL and Lake Central	Box 116
10403	Snowlift, Inc.	Box 94
10404	Quantas Empire Airways	Box 140
10405	Pacific Electrical and Mechanical Company	Box 105
10406	Baltimore Baseball Club, Inc.	Box 106
10407	Japan Air Lines Company, Ltd.	Box 110
10408	Rapistan of Chicago, Inc.	Box 105
10409	Pacific Window Cleaners	Box 127
10410	Flashtrac-Neo Signs and Maintenance Company	Box 103
10411	Pitney-Bowes, Inc.	<i>Film 306</i>
10412	The Lord Baltimore Hotel	Box 258
10413	City and County of Denver	<i>Film 326</i>
10414	Philadelphia National League Club	Box 109
10415	Hotel Huron	Box 252
10416	Consolidated Diesel Electric Corporation	Box 115
10417	United States Radium Corporation	Box 252
10418	J. B. Neetles and Company, Inc.	Box 112
10419	Ets-Hokin and Galvin	Box 112
10420	D. W. Nicholson Corporation	Box 112
10421	West Coast Airlines, Inc.	Box 116
10422	Dennison Manufacturing Company	<i>Film 401</i>
10423	Dennison Manufacturing Company	<i>Film 401</i>
10424	Alliance Hose and Rubber Company	Box 94